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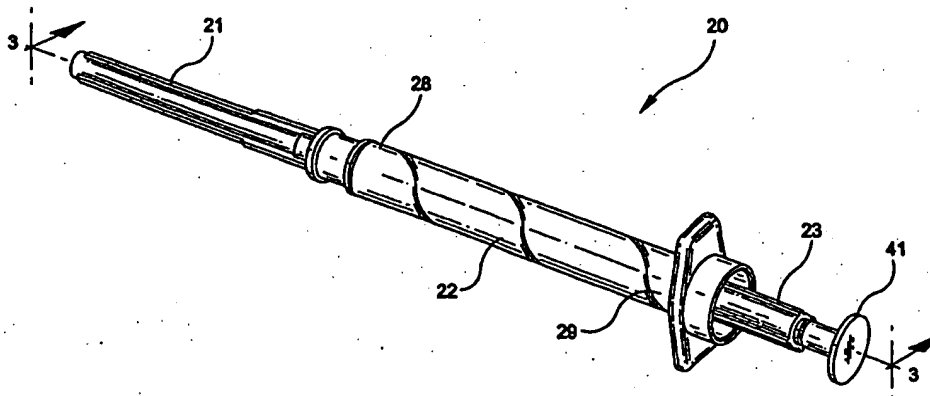
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### (54) Retracting needle syringe

(57) A retracting needle assembly for use with a syringe barrel having a cylindrical collar and a plunger having a release element with a sharp distal end includes an outer hub having a passageway therethrough and an inner hub having a proximal end, a distal end and a conduit therethrough. The proximal end of the inner hub has an inner portion and a dissociable outer portion connected to the inner portion. The dissociable outer portion is further connected to the outer hub. The distal end of the

inner hub is smaller than the passageway of the outer hub at the distal end of the outer hub and projects distally outwardly therefrom. A needle cannula having a distal end, a proximal end, and a lumen therethrough is connected to the inner hub so that the lumen is in fluid communication with the conduit. An energized spring is contained between the inner and outer hub. Structure is provided for connecting the outer hub to the collar of the syringe barrel.

FIG-1



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# EUROPEAN SEARCH REPORT

Application Number  
EP 03 00 5683

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The present search report has been drawn up for all claims			<div>TECHNICAL FIELDS SEARCHED (Int.Cl.7)</div> <div>A61M</div>
Place of search BERLIN		Date of completion of the search 16 June 2003	Examiner Jameson, P
<div>CATEGORY OF CITED DOCUMENTS</div> <div> X : particularly relevant if taken alone  Y : particularly relevant if combined with another document of the same category  A : technological background  O : non-written disclosure  P : intermediate document </div> <div> T : theory or principle underlying the invention  E : earlier patent document, but published on, or after the filing date  O : document cited in the application  L : document cited for other reasons  &amp; : member of the same patent family, corresponding document </div>			

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